

National Electricity Transmission System Status Report



nationalgridESO

National Electricity Transmission System Status Report
Saturday 29 July 2023

Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			
System Warning			

Today's Minimum De-Rated Margin	10542 (SP48)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	950 MW

Balancing Costs

Last 24 hours' BM spend Total: £972k



Yesterday's Market Summary

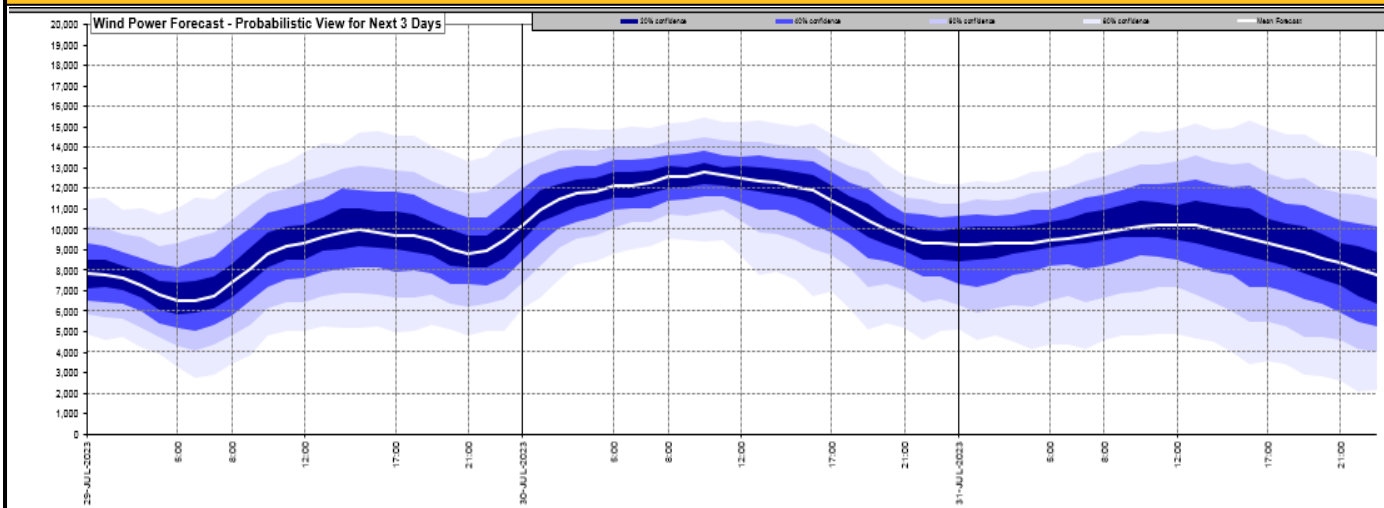
Cash Out Price (Max)	£146.50 (SP 18)
Cash Out Price (Min)	-£18.810 (SP 28)
Peak Demand Yesterday	27.462 MW
Minimum Demand	16.200 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1130	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

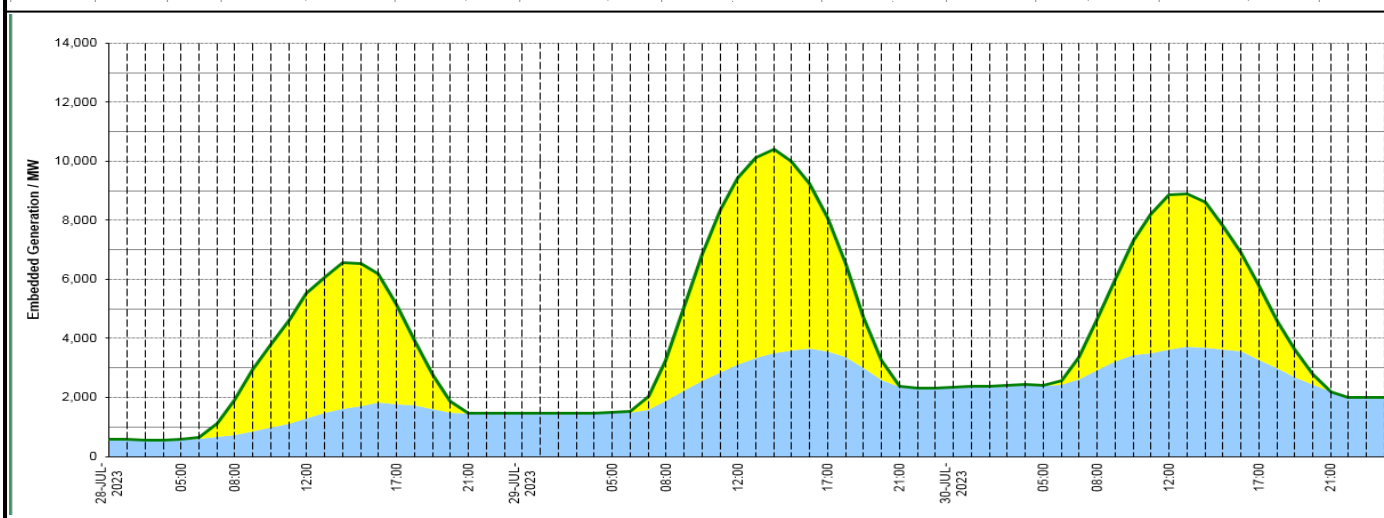
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	28-JUL-2023					29-JUL-2023					30-JUL-2023				
	05:00	08:00	12:00	17:00	21:00	00:00	05:00	08:00	12:00	17:00	21:00	00:00	05:00	08:00	12:00
Solar (MW)	0	1176	4241	3390	22	0	0	1381	6296	4520	28	0	0	1712	5265
Wind (MW)	573	726	1282	1751	1453	1467	1489	1882	3123	3570	2362	2333	2407	2943	3614
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Rain clearing across Shetland and the southeast to start leaving a day of sunny spells and showers, possibly turning heavy across Northern Ireland and western Scotland. Becoming drier in the south later. A breezy day and feeling cooler than yesterday. Tonight: Largely dry though the odd spot of rain in the southwest by morning. Showery across Northern Ireland and parts of Scotland, possibly turning heavy and thundery. Breezy and feeling mild.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings No weather warnings are in force for the UK Flood Warnings 0 flood warnings and 0 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 0 flood warning and 0 flood alerts issued for Wales.

Further Information	
BM Reports	https://www.bmreports.com
System Balancing Reports	https://www.nationalgrideso.com/balancing-data/system-balancing-reports
Forecast Volumes and Costs	https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs
NGESO Insights	https://www.nationalgrideso.com/insights